

Abstract of the Invention

Compositions comprising a component containing (i) an acidic oxide support,
(ii) an alkali metal and/or alkaline earth metal or mixtures thereof, (iii) a transition
metal oxide having oxygen storage capability, and (iv) palladium promote CO
5 combustion in FCC processes while minimizing the formation of NO_x . The acidic
oxide support preferably contains silica alumina. Ceria is the preferred oxygen
storage oxide.